

**ABSTRACT**

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35 A system and method for a four-port circulator. The four-port circulator includes a polarization beam splitter, a first reflector, a first non-reciprocal device, a second non-reciprocal device, and a second reflector. The first reflector is coupled with the polarization beam splitter. The first non-reciprocal device is coupled to the first reflector. The second non-reciprocal device is coupled to the polarization beam splitter. The second reflector is coupled with the polarization beam splitter.

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